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**(54) ORGANIC ELECTROLUMINESCENT  
ELEMENT AND DISPLAY DEVICE**

**(57) Abstract:**

PROBLEM TO BE SOLVED: To provide a high-brightness and long-life organic electroluminescent el-

ement and a high-brightness and long-life display device using the organic electroluminescent element.

SOLUTION: The organic electroluminescent element contains a cyclodextrin class or a cyclodextrin derivative.

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- [02] A678 C810 M411 M782 M904 M905 Q454; R03247-K R03247-M

- [03] A676 C810 M411 M782 M904 M905 Q454; R07078-K R07078-M

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XP - N2003-618816

AB - JP2003243175 NOVELTY - The organic electroluminescent element contains cyclodextrin.

- DETAILED DESCRIPTION - The organic electroluminescent element contains an inclusion complex of organic compound, and cyclodextrin or its derivative having triaryl amine. The element further contains iridium, platinum and/or osmium complex. The organic compound is aromatic hydrocarbon and its derivative(s). The cyclodextrin and its derivative are beta -cyclodextrin. An INDEPENDENT CLAIM is included for display device.

- USE - For display device (claimed), such as electroluminescence display used as electronic display device.

- ADVANTAGE - The organic electroluminescent element has excellent light-emission, brightness, high intensity and long-life.

- (Dwg.0/0)

CN - R07079-K R07079-M R03247-K R03247-M R07078-K R07078-M RA061R-K RA061R-M

IW - ORGANIC ELECTROLUMINESCENT ELEMENT DISPLAY DEVICE CONTAIN CYCLODEXTRIN

LIGHT EMIT BRIGHT HIGH INTENSITY LONG LIFE

IKW - ORGANIC ELECTROLUMINESCENT ELEMENT DISPLAY DEVICE CONTAIN CYCLODEXTRIN

LIGHT EMIT BRIGHT HIGH INTENSITY LONG LIFE

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PAW - (KONS ) KONICA CORP

TI - Organic electroluminescent element for display device, contains cyclodextrin, and has excellent light-emission, brightness, high intensity and long-life